



PTO/SB/08a (08-03)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

7

**Complete if Known**

Application Number	10/804,717
Filing Date	03/19/2004
First Named Inventor	Paul L. Tupper
Art Unit	3016
Examiner Name	
Attorney Docket Number	STE01 P1167

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
/JH/		US- 6,516,507	02/11/2003	Noel et al.	
		US- 6,450,596	09/17/2002	Lee	
		US- 6,428,129	08/06/2002	Chen	
		US- 6,419,333	07/16/2002	Liebertz et al.	
		US- 6,409,293	06/25/2002	Chang	
		US- 6,312,186	11/06/2001	Rock et al.	
		US- 6,231,141	05/15/2001	Liebertz et al.	
		US- 6,202,965	03/20/2001	Chong	
		US- 6,186,606	02/13/2001	Krei	
		US- 6,112,485	09/05/2000	Beyer et al.	
		US- 6,109,708	08/29/2000	Walla et al.	
		US- 6,082,839	07/04/2000	Chiku	
		US- 6,056,380	05/02/2000	Nien	
		US- 6,050,661	04/18/2000	Fleisch	
		US- 6,007,170	12/28/1999	Liebertz et al.	
		US- 5,997,114	12/07/1999	Bischoff	
/JH/		US- 5,988,778	11/23/1999	Lammens	
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
/JH/		GB 2 071 995	09/30/1981	Taplin		
/JH/		GB 2 199 737	07/20/1988	Conway		
/JH/		EP 0 058 535	08/25/1982	Hunter		

Examiner  
Signature

/James Hansen/

Date  
Considered

10/04/2007

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 7**Complete if Known**

Application Number	10/804,717
Filing Date	03/19/2004
First Named Inventor	Paul L. Tupper
Art Unit	3016
Examiner Name	
Attorney Docket Number	STE01 P1167

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
/JH/		US- 5,951,133	09/14/1999	Dittberner et al.	
		US- 5,931,548	08/03/1999	Bischoff	
		US- 5,921,648	07/13/1999	Rong	
		US- 5,855,423	01/05/1999	Cram	
		US- 5,823,650	10/20/1998	Lin	
		US- 5,772,294	06/30/1998	Hendrich et al.	
		US- 5,702,167	12/30/1997	Muller	
		US- 5,599,078	02/04/1997	Dechene et al.	
		US- 5,599,077	02/04/1997	Law et al.	
		US- 5,567,027	10/22/1996	McClung et al.	
		US- 5,494,246	02/27/1996	McCarthy et al.	
		US- 5,437,503	08/01/1995	Baker et al.	
		US- 5,433,516	07/18/1995	Beals et al.	
		US- 5,427,445	06/27/1995	Mitchell	
		US- 5,352,030	10/04/1994	Derle et al.	
		US- 5,335,986	08/09/1994	Hartrum et al.	
/JH/		US- 5,333,949	08/02/1994	McGregor	
		US- 5,312,180	05/17/1994	Tieder et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>d</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner  
Signature

/James Hansen/

Date  
Considered

10/04/2007

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

3

of

7

**Complete if Known**

Application Number	10/804,717
Filing Date	03/19/2004
First Named Inventor	Paul L. Tupper
Art Unit	3016
Examiner Name	
Attorney Docket Number	STE01 P1167

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/JH/		US- 5,309,686	05/10/1994	Underwood et al.	
		US- 5,303,994	04/19/1994	Elsholz	
		US- 5,230,492	07/27/1993	Zwart et al.	
		US- 5,199,774	04/06/1993	Hedinger et al.	
		US- 5,184,887	02/09/1993	O'Keefe et al.	
		US- 5,176,436	01/05/1993	Mitchell	
		US- 5,161,870	11/10/1992	Mason et al.	
		US- 5,074,627	12/24/1991	Broeders	
		US- 5,056,877	10/15/1991	Westwinkel	
		US- 5,056,876	10/15/1991	Scheerhorn	
		US- 5,054,255	10/08/1991	Maninfior	
		US- 5,050,942	09/24/1991	Frederick et al.	
		US- 5,040,858	08/20/1991	Kruse et al.	
		US- 4,993,784	02/19/1991	Dana et al.	
		US- 4,971,281	11/20/1990	Steinbeck	
		US- 4,966,423	10/30/1990	Higuera et al.	
		US- 4,957,334	09/18/1990	Lakso	
/JH/		US- 4,936,640	06/26/1990	Pratzer	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>

Examiner  
Signature

/James Hansen/

Date  
Considered

10/04/2007

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 4 of 7**Complete if Known**

Application Number	10/804,717
Filing Date	03/19/2004
First Named Inventor	Paul L. Tupper
Art Unit	3016
Examiner Name	
Attorney Docket Number	STE01 P1167

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
/JH/		US- 4,889,396	12/26/1989	Mitchell et al.	
		US- 4,865,404	09/12/1989	Harper	
		US- 4,830,440	05/16/1989	Burch	
		US- 4,815,796	03/28/1989	Rock et al.	
		US- 4,786,119	11/22/1988	Smuda	
		US- 4,770,476	09/13/1988	Lakso	
		US- 4,768,844	09/06/1988	Ludwig	
		US- 4,761,045	08/02/1988	Paine	
		US- 4,732,430	03/22/1988	Byrns	
		US- 4,671,481	06/09/1987	Beard	
		US- 4,660,905	04/28/1987	Conner et al.	
		US- 4,637,667	01/20/1987	Reid et al.	
		US- 4,633,789	01/06/1987	Kortering et al.	
		US- 4,541,599	09/17/1985	Schoumaker	
		US- 4,480,883	11/06/1984	Young	
		US- 4,441,767	04/10/1984	Stark	
		US- 4,429,930	02/07/1984	Blouin	
		US- 4,355,851	10/26/1982	Slusser	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>o</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner  
Signature

/James Hansen/

Date  
Considered

10/04/2007

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

5

of

7

**Complete if Known**

Application Number	10/804,717
Filing Date	03/19/2004
First Named Inventor	Paul L. Tupper
Art Unit	3016
Examiner Name	
Attorney Docket Number	STF01 P1167

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
/JH/		US- 4,298,236	11/03/1981	Laroche	
		US- 4,239,309	12/16/1980	De Fouw et al.	
		US- 4,176,889	12/04/1979	Gartung	
		US- 4,102,470	07/25/1978	Timmons	
		US- 4,013,254	03/22/1977	Boundy et al.	
		US- 3,933,402	01/20/1976	Peterson	
		US- 3,920,298	11/18/1975	Lopez	
		US- 3,909,090	09/30/1975	Breckner et al.	
		US- 3,900,236	08/19/1975	Goulish et al.	
		US- 3,890,023	06/17/1975	Mohr et al.	
		US- 3,883,196	05/13/1975	Mohr et al.	
		US- 3,862,789	01/28/1975	Korell et al.	
		US- 3,857,622	12/31/1974	Mohr et al.	
		US- 3,838,902	10/01/1974	Tenani	
		US- 3,809,449	05/07/1974	Beaver	
		US- 3,799,638	03/26/1974	Faiks	
		US- 3,752,553	08/14/1973	Bildahl et al.	
		US- 3,650,586	03/21/1972	Nightingale et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner  
Signature

/James Hansen/

Date  
Considered

10/04/2007

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 6 of 7

**Complete if Known**

Application Number	10/804,717
Filing Date	03/19/2004
First Named Inventor	Paul L. Tupper
Art Unit	3016
Examiner Name	
Attorney Docket Number	STE01 P1167

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
/JH/		US- 3,565,502	02/23/1971	Bracy et al.	
		US- 3,547,300	12/15/1970	Studinski et al.	
		US- 3,358,692	12/19/1967	Proulx	
		US- 3,346,311	10/10/1967	Bears	
		US- 3,179,480	04/20/1965	Brinker	
		US- 3,024,075	03/06/1962	Howe	
		US- 2,663,449	12/22/1953	Smart	
		US- 2,020,373	11/12/1935	Petzold, Jr.	
		US- 1,933,932	11/07/1933	Reinhard	
		US- 1,906,191	04/25/1933	Thomas et al.	
		US- 1,770,836	07/15/1930	Boote	
		US- 1,757,293	05/06/1930	Card et al.	
		US- 1,649,805	11/22/1927	Brainard	
		US- 1,352,002	09/07/1920	Jones	
		US- 1,172,189	02/15/1916	Bauer	
		US- 1,136,071	04/20/1915	Weiss	
		US- 960,833	06/07/1910	Crum	
/JH/		US- 2003/0062810	04/03/2003	Westwinkel	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner  
Signature

/James Hansen/

Date  
Considered

10/04/2007

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

Sheet	7	of	7
-------	---	----	---

**Complete if Known**

Application Number	10/804,717
Filing Date	03/19/2004
First Named Inventor	Paul L. Tupper
Art Unit	3016
Examiner Name	
Attorney Docket Number	STE01 P1167

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Type of Document
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner Signature	/James Hansen/	Date Considered	10/04/2007
-----------------------	----------------	--------------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

***If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.***